TO INSTALL YOUR NEW U 3Ø CHIP, YOU WILL NEED A PHILLIPS SCREWDRIVER, SOLDERING IRON WITH FINE POINT, TWEEZER, FINE WIRE CUTTER OR DYKE, SOLDER SUCKER, PATIENCE, AND THE ABILITY TO FOLLOW THESE DIRECTIONS EXPLICITLY.

NOTE: YOUR NEW U 3Ø CHIP WILL ONLY WORK IN THE VCII WHICH UNIT ADDRESS APPEARS ON THE TOP OF THE CHIP. ATTEMPTS TO FORCE IT TO WORK IN ANOTHER VCII WILL CAUSE DAMAGE TO THE VCII. VERIFY THE UNIT NUMBER MATCHES THAT WHICH APPEARS ON SCREEN VIA THE "SETUP, 1" VIDEOCIPHER COMMAND.

1. AUTHORIZE YOUR VIDEOCIPHER FOR ONE (OR MORE) SERVICE(S). THIS STEP IS REQUIRED FOR THE PROPER OPERATION OF NEW U3Ø AND WILL PROVE THE OPERATION OF THE VIDEOCIPHER. CNN IS AVAILABLE AT $25 PER YEAR. WRITE DOWN THE UNIT NUMBER OF YOUR VIDEOCIPHER WHICH APPEARS WHEN THE VIDEOCIPHER SETUP BUTTON FOLLOWED BY #1 (INSTALLATION) IS PRESSED. VERIFY THE UNIT NUMBER MATCHES THE UNIT NUMBER LISTED ON THE NEW U3Ø CHIP.

2. AFTER YOUR VIDEOCIPHER IS AUTHORIZED ON ONE SERVICE AND PERFORMING ITS NORMAL FUNCTION SATISFACTORILY, UNPLUG THE VIDEOCIPHER FROM THE WALL OUTLET AND DISCONNECT ALL OTHER CONNECTIONS TO IT.

3. REMOVE THE 7 SCREWS SECURING THE REAR TRIM PANEL TO THE VIDEOCIPHER CHASSIS. REMOVE THE TRIM PANEL.

WARNING: PROCEDING FURTHER WILL VOID YOUR WARRANTY.

SERIOUS WARNING: YOUR VIDEOCIPHER ADDRESS IS HELD IN MEMORY AND COULD BE FORGOTTEN IF CERTAIN METAL POINTS ON THE VIDEOCIPHER CIRCUIT BOARD ARE SHORTED TOGETHER. HANDLE THE CIRCUIT BOARD BY THE EDGES ONLY. DO NOT POKE AROUND BOARD. DO NOT TO TOUCH ANYTHING ON THE CIRCUIT BOARD UNLESS INSTRUCTED TO. DO NOT REST ANY METAL OBJECT ON THE CIRCUIT BOARD. REMOVE JEWELRY WHICH COULD COME IN CONTACT WITH THE CIRCUIT BOARD.

4. SLIDE THE BLACK PLASTIC VIDEOCIPHER MODULE OUT OF THE CHASSIS. (PULLING BACK ON THE PROJECTING FEET IS THE EASY METHOD).

5. TURN THE BLACK PLASTIC VIDEOCIPHER MODULE UPSIDE DOWN AND REMOVE THE TAPE ON THE BOTTOM WHICH COVERS THE HEAD OF A RETAINING SCREW. REMOVE THE RETAINING SCREW.

6. LOCATE THE TWO PLASTIC INTERCONNECTS ALONG ONE SIDE OF THE TOP HALF OF MODULE. PRESS INWARD ON THE TWO INTERCONNECTS TO DISENGAGE FROM THE LOWER HALF. SEPARATE THE TWO HALVES AND REMOVE THE VIDEOCIPHER CIRCUIT BOARD.

7. PLACE THE CIRCUIT BOARD ON NEWSPAPER IN A CLEARED, WELL LIGHTED WORK AREA. LOCATE THE INTEGRATED CHIP AT THE BOARD POSITION "U3Ø". THIS CHIP MUST BE CAREFULLY REMOVED FROM THE CIRCUIT BOARD AND THE NEW U3Ø CHIP INSTALLED IN ITS PLACE. NOTE THE FINE TRACES WHICH EXTEND UNDER THE CHIP. NOTE THE POSITION OF THE NOTCH WHICH INTICATES PIN ONE IS POINTING TO THE CENTER OF THE CIRCUIT BOARD.

8. WITHOUT TOUCHING ANYTHING ON THE CIRCUIT BOARD BUT THE CHIP IN POSITION "U3Ø", USE THE FINE WIRE CUTTER TO CUT THE METAL LEGS OFF "U3Ø" CLOSE TO THE BODY OF THE CHIP. REMOVE AND DISCARD THE PLASTIC BODY. IF YOUR WIRE CUTTER IS TOO FAT TO CUT THE LEGS OFF ONE AT A TIME, STOP AND GET ANOTHER CUTTER.

9. APPLY THE FINE TIPPED SOLDERING IRON TO A LEG THAT USED TO BE CONNECTED TO "U3Ø". AS THE SOLDER SECURING THE LEG IN PLACE MELTS, REMOVE AND DISCARD THE LEG WITH THE TWEEZER. DO NOT LET THE METAL LEG FALL BACK ONTO THE CIRCUIT BOARD. CONTINUE UNTIL ALL 28 LEGS HAVE BEEN REMOVED.

1Ø. REMOVE RESIDUAL SOLDER FROM THE HOLES WHICH USED TO CONTAIN THE LEGS USING THE SOLDER SUCKER. IF YOU INSIST ON USING SOLDER WICK MAKE SURE NOT TO ALLOW IT TO CONTACT ANYTHING BUT THE "U3Ø" HOLES. INSPECT THE FINE TRACES WHICH RAN UNDER "U3Ø" FOR SIGNS OF DAMAGE AND REPAIR AS REQUIRED.

11. INSERT THE NEW U3Ø CHIP INTO THE "U3Ø" HOLES WITH THE NOTCH INDICATING PIN ONE POSITIONED THE SAME WAY AS THE OLD CHIP. SOLDER THE CHIP IN PLACE.

12. PLACE THE VIDEOCIPHER CIRCUIT BOARD INSIDE ITS PLASTIC MODULE AND SNAP TOGETHER BOTH HALVES. REPLACE THE RETAINING SCREW.

13. SLIDE THE VIDEOCIPHER MODULE BACK INTO THE CHASSIS AND REPLACE THE REAR TRIM PANEL AND SCREWS.

14. ENJOY.